

CRFE  
20765

Access DB#

118692

# SEARCH REQUEST FORM

Scientific and Technical Information Center

Requester's Full Name: JANE ZARA Examiner #: 77512 Date: 4-5-04  
Art Unit: 1635 Phone Number 302-922-2222 Serial Number: 091472, 067  
Mail Box and Bldg/Room Location: 2C03 Results Format Preferred (circle): PAPER DISK E-MAIL  
2C18

If more than one search is submitted, please prioritize searches in order of need. MEJ

\*\*\*\*\*  
Please provide a detailed statement of the search topic, and describe as specifically as possible the subject matter to be searched. Include the elected species or structures, keywords, synonyms, acronyms, and registry numbers, and combine with the concept or utility of the invention. Define any terms that may have a special meaning. Give examples or relevant citations, authors, etc, if known. Please attach a copy of the cover sheet, pertinent claims, and abstract.

Title of Invention: Nucleic acid addends.

Inventors (please provide full names): Hu et al

Earliest Priority Filing Date: 3-24-98

\*For Sequence Searches Only\* Please include all pertinent information (parent, child, divisional, or issued patent numbers) along with the appropriate serial number.

Please Search Seq ID Nos: 1-4.

Sequence ~~containing~~ CONTAINING AT LEAST

TANDem  
1 REPEAT of The Sequence

or ITS comple-  
ment

1-10  
2-10  
3-10  
4-10

(1+1)

(2+2)

(3+3)

(4+4)

(1 + 1 complement)

(2 + 2 complement)

(3 + 3 complement)

(4 + 4 complement)

36-415  
56-415  
66-415

## STAFF USE ONLY

	Type of Search	Vendors and cost where applicable
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Searcher Phone #: <u>22504</u>	AA Sequence (#)	Dialog
Searcher Location:	Structure (#)	Questel/Orbit
Date Searcher Picked Up: <u>4/5</u>	Bibliographic	Dr.Link
Date Completed: <u>4/5</u>	Litigation	Lexis/Nexis
Searcher Prep & Review Time:	Fulltext	Sequence Systems <input checked="" type="checkbox"/>
Clerical Prep Time: <u>15</u>	Patent Family	WWW/Internet
Online Time: <u>45</u>	Other	Other (specify)

CompuGen Ltd. (IL)  
Location/Qualifiers  
1. 467  
/organism="Homo sapiens"  
/mol\_type="unassigned DNA"  
/db\_xref="taxon:9606"

ORIGIN

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Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 ATCGCATGATATCGCATGAT 20  
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Db 420 ATCGCATGATATCGCATGAT 401

RESULT 2  
AX364976/c 468 bp DNA linear PAT 15-FEB-2002  
LOCUS  
DEFINITION Sequence 127 from Patent WO0206315.  
ACCESSION AX364976  
VERSION AX364976.1 GI:18696866  
KEYWORDS  
SOURCE Homo sapiens (human)  
ORGANISM Homo sapiens  
Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;  
Mammalia; Eutheria; Primates; Catarrhini; Hominiidae; Homo.

REFERENCE  
AUTHORS Mintz, L., Freilich, S. and Bernstein, J.  
TITLE Novel nucleic acid and amino acid sequences  
JOURNAL Patent: WO 0206315-A 127 24-JAN-2002;  
CompuGen Ltd. (IL)  
FEATURES  
source 1. 468  
/organism="Homo sapiens"  
/mol\_type="unassigned DNA"  
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ORIGIN

Query Match 100.0%; Score 20; DB 6; Length 468;  
Best Local Similarity 100.0%; Pred. No. 21;  
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 ATCGCATGATATCGCATGAT 20  
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RESULT 3  
S82024/c 696 bp mRNA linear PRI 03-AUG-1996  
LOCUS  
DEFINITION SCG10=neuron-specific growth-associated protein/scrathmin homolog  
[human, embryo, mRNA, 696 nt].  
ACCESSION S82024  
VERSION S82024  
KEYWORDS S82024.1 GI:1478502  
SOURCE Homo sapiens (human)  
ORGANISM Homo sapiens  
Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;  
Mammalia; Eutheria; Primates; Catarrhini; Hominiidae; Homo.

REFERENCE  
AUTHORS Okazaki, T., Wang, H., Masliah, E., Cao, M., Johnson, S.A., Sundsmo, M.,  
Saitoh, T. and Mori, N.  
TITLE SCG10, a neuron-specific growth-associated protein in Alzheimer's  
disease.  
JOURNAL Neurobiol. Aging 16 (6), 883-894 (1995)  
MEDLINE 96192979  
PubMed 8622778  
REMARK GenBank staff at the National Library of Medicine created this  
entry [NCBI gisbseq 177683] from the original journal article.  
This sequence comes from Fig. 1.  
Location/Qualifiers

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/organism="Homo sapiens"  
/mol\_type="mRNA"  
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CDS

gene

ORIGIN

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QY 1 ATCGCATGATATCGCATGAT 20  
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Db 649 ATCGCATGATATCGCATGAT 630

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LOCUS  
DEFINITION Uncultured rumen bacterium 16S ribosomal RNA gene, partial  
sequence.  
ACCESSION AY006733  
VERSION AY006733  
KEYWORDS AY006733.1 GI:10189345  
SOURCE uncultured rumen bacterium  
ORGANISM uncultured rumen bacterium  
Bacteria; environmental samples.

REFERENCE  
AUTHORS 1 (bases 1 to 376)  
Tamalis, D., Dyer, D., Ralph, D., Hartman, K., Phillips, W., Coleman, S.  
and Iandolo, U.  
TITLE Assessing diversity in bovine rumen microflora in response to  
feeding using 16S ribosomal RNA sequencing  
JOURNAL Unpublished  
AUTHORS 2 (bases 1 to 376)  
Tamalis, D., Dyer, D., Ralph, D., Hartman, K., Phillips, W., Coleman, S.  
and Iandolo, U.  
TITLE Direct Submission  
JOURNAL Submitted (07-AUG-2000) Microbiology and Immunology, Oklahoma  
University Health Sciences Center, BMSB 1053, PO Box 26901,  
Oklahoma City, OK 73190, USA  
FEATURES  
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Compugen Ltd. (IL)  
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ORIGIN

Query Match 100.0%; Score 20; DB 6; Length 467;  
Best Local Similarity 100.0%; Pred. No. 21;  
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 ATCATGCGATATCATGCGAT 20  
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AX364976 468 bp DNA linear PAT 15-FEB-2002  
LOCUS  
DEFINITION Sequence 127 from Patent WO0206315.  
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VERSION AX364976.1 GI:18696866  
KEYWORDS  
SOURCE Homo sapiens (human)  
ORGANISM Homo sapiens  
Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;  
Mammalia; Eutheria; Primates; Catarrhini; Homnidae; Homo.

REFERENCE  
1 Mintz, L., Freilich, S. and Bernstein, J.  
TITLE Novel nucleic acid and amino acid sequences  
JOURNAL Patent: WO 0206315-A 127 24-JAN-2002;  
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source 1..468  
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/mol\_type="unassigned DNA"  
/db\_xref="taxon:9606"

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LOCUS  
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ACCESSION S82024  
VERSION S82024.1 GI:1478502  
KEYWORDS  
SOURCE Homo sapiens (human)  
ORGANISM Homo sapiens  
Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;  
Mammalia; Eutheria; Primates; Catarrhini; Homnidae; Homo.  
REFERENCE  
1 (bases 1 to 696)  
Okazaki, T., Wang, H., Masliah, E., Cao, M., Johnson, S.A., Sundsmo, M.,  
Saitoh, T. and Mori, N.  
TITLE SCG10, a neuron-specific growth-associated protein in Alzheimer's  
disease  
JOURNAL Neurobiol. Aging 16 (6), 883-894 (1995)  
MEDLINE 8622778  
PUBMED 9619297  
REMARK GenBank staff at the National Library of Medicine created this  
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This sequence comes from Fig. 1.  
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Location/Qualifiers

source 1..696  
/organism="Homo sapiens"  
/mol\_type="mRNA"  
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gene 1..696  
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ORIGIN

Query Match 100.0%; Score 20; DB 9; Length 696;  
Best Local Similarity 100.0%; Pred. No. 20;  
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 ATCATGCGATATCATGCGAT 20  
|||||  
Db 630 ATCATGCGATATCATGCGAT 649

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AY006733 376 bp DNA linear ECT 19-SEP-2000  
LOCUS  
DEFINITION Uncultured rumen bacterium 16S ribosomal RNA gene, partial  
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ACCESSION AY006733  
VERSION AY006733.1 GI:10189345  
KEYWORDS  
SOURCE uncultured rumen bacterium  
ORGANISM uncultured rumen bacterium  
Bacteria; environmental samples.

REFERENCE  
1 (bases 1 to 376)  
Tamalis, D., Dyer, D., Ralph, D., Hartman, K., Phillips, W., Coleman, S.  
and Iandolo, J.  
TITLE Assessing diversity in bovine rumen microflora in response to  
feeding using 16S ribosomal RNA sequencing  
JOURNAL Unpublished  
REFERENCE 2 (bases 1 to 376)  
AUTHORS Tamalis, D., Dyer, D., Ralph, D., Hartman, K., Phillips, W., Coleman, S.  
and Iandolo, J.  
TITLE Direct Submission  
JOURNAL Submitted (07-AUG-2000) Microbiology and Immunology, Oklahoma  
University Health Sciences Center, BMSB 1053, PO Box 26901,  
Oklahoma City, OK 73190, USA  
FEATURES  
source 1..376  
/organism="uncultured rumen bacterium"  
/mol\_type="genomic DNA"  
/specific\_host="Bos taurus"  
/db\_xref="taxon:136703"  
/note="from winter wheat forage-fed steer #169"  
<1..>376  
/product="16S ribosomal RNA"

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QY 1 ATCATGCGATATCATGCGAT 20  
|||||  
Db 168 ATCATGCGATATCATGCGCT 187